MAR 16 2006
PATENT & TRADEMARK OFFICE

Fig. 1

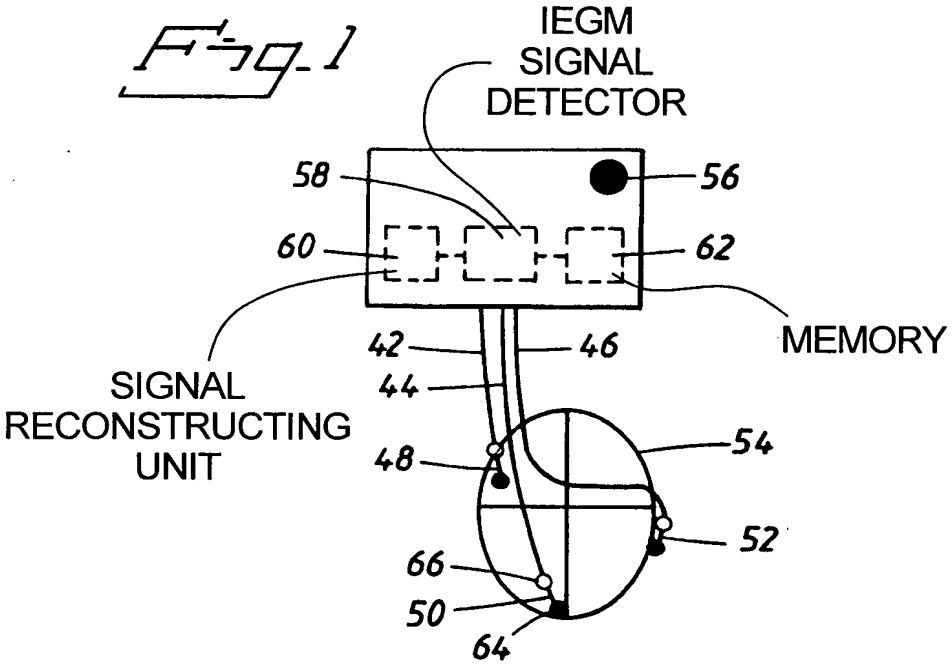


Fig. 2

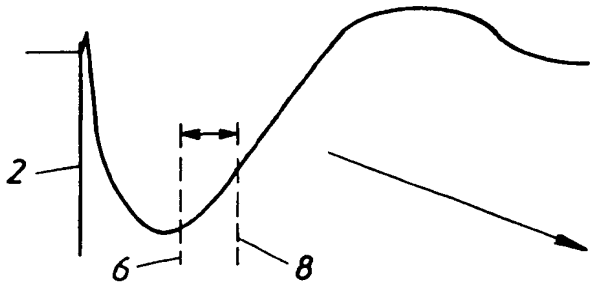


Fig. 3

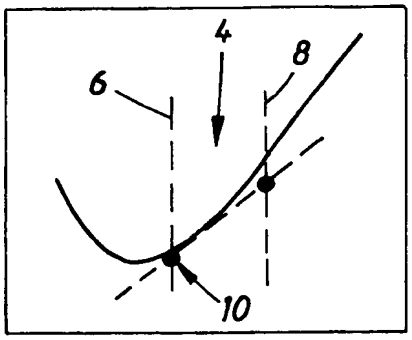


Fig. 4

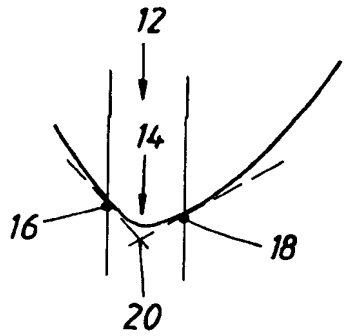


Fig. 5

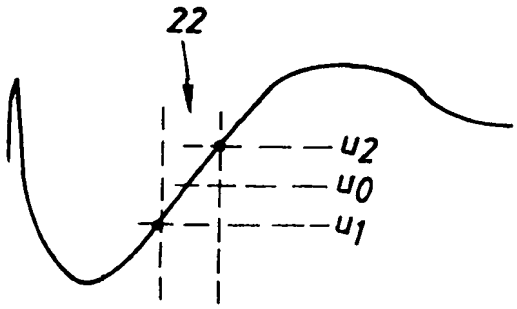


Fig. 7

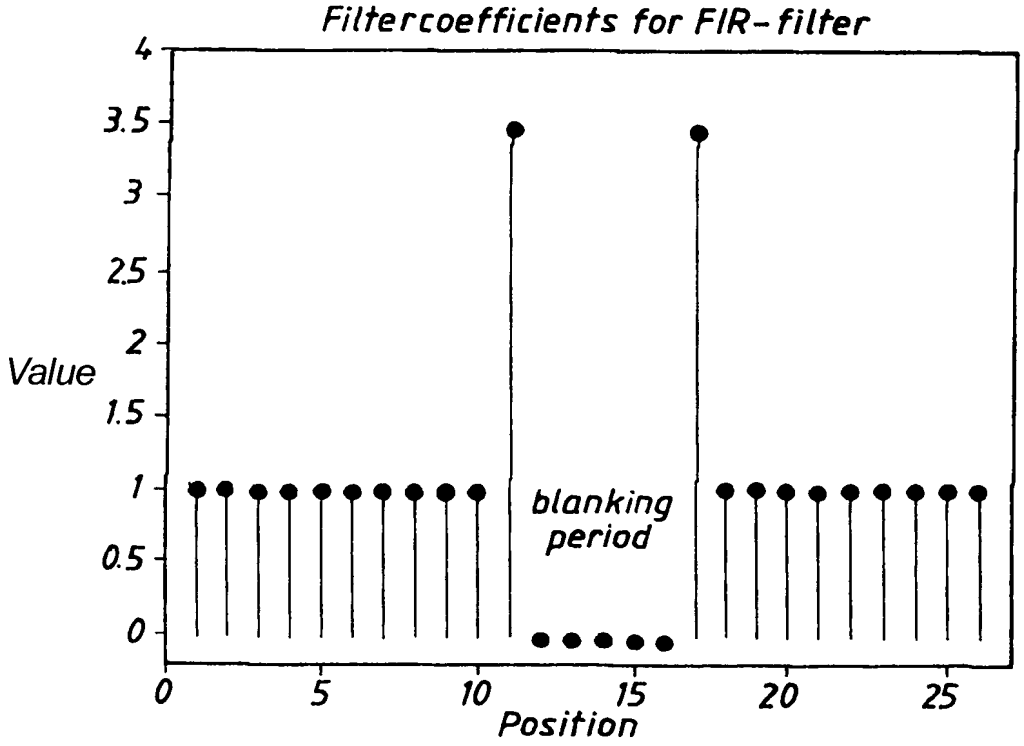
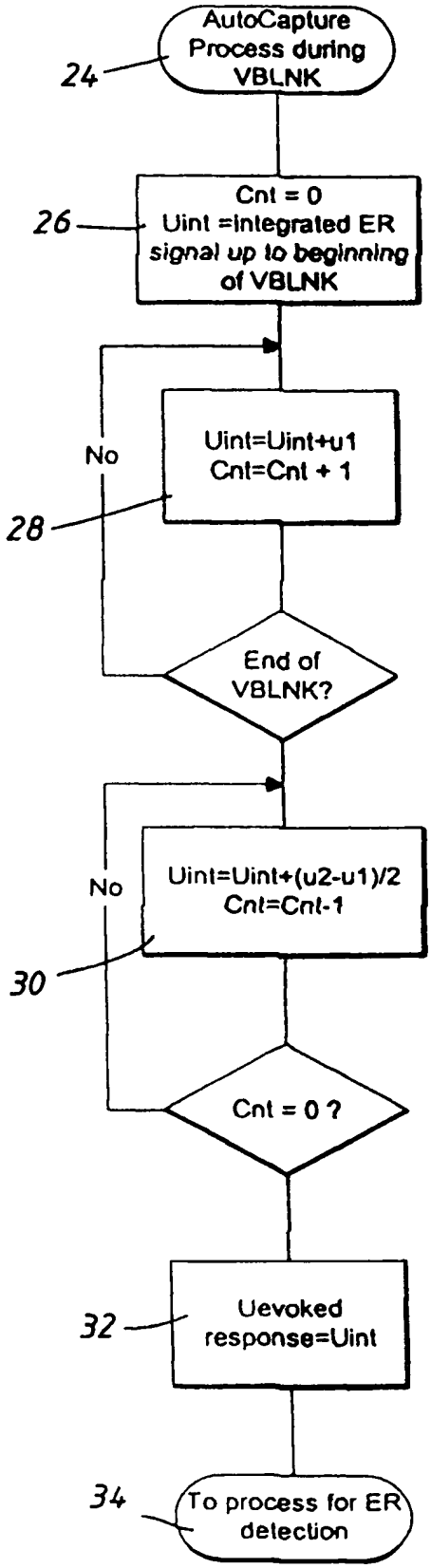


Fig. 6


AutoCapture Process during VBLNK
24
Cnt = 0
Uint =integrated ER signal up to beginning of VBLNK
26
Uint=Uint+u1
Cnt=Cnt + 1
No
28
End of VBLNK?
Uint=Uint+(u2-u1)/2
Cnt=Cnt-1
No
30
Cnt = 0 ?
Uevoked response=Uint
32
To process for ER detection
34